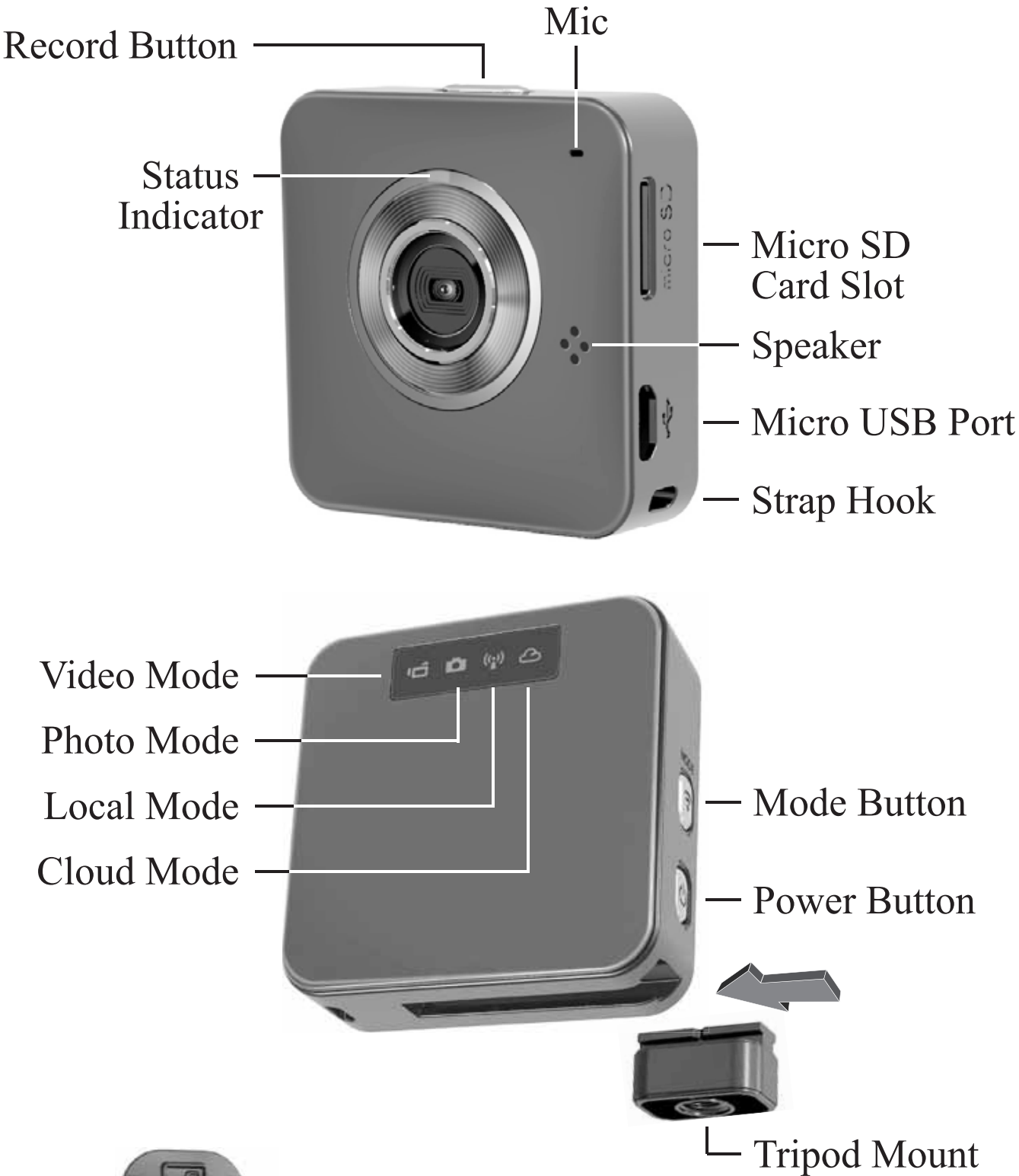
User Manual

Names of Parts



Clip Mount Magnet Mount Strap Mount

Getting Started

Charging the Unit

• Before initial use, fully charge the camera via power adapter or USB to computer system.
• During charging, the status indicator flashes in red. When the camera is fully charged, the indicator turns off.

Modes Navigation

• Press Power button to turn on camera.
• Press Mode button to switch between modes.

With micro SD card inserted	Camera Modes	Video Mode
		Photo Mode
	Wireless Modes	Local Mode
		Cloud Mode
Without micro SD Card	Wireless Modes	Local Mode
		Cloud Mode

Video Mode	Press Record button to shoot and press again to stop.
Photo Mode	Press Record button to take pictures.
Local Mode	Connecting camera to mobile or PC directly for remote controlling, live viewing, album managing, and camera setup.
Cloud Mode	Connecting camera to cloud server via access point (AP) or mobile hotspot for internet video or live monitoring.

Install [Unieye] or [PC APP]

Before using wireless mode, install below applications to setup for both Local Mode and cloud setup, and also use them to watch live view in Local Mode.

• Mobile app: Download [Unieye] from Google Play or Apple Store.
• PC software: Install [PC APP] from camera (Windows)(page 6).

Local Mode (WLAN)

For initial use, install [Unieye] app on mobile. Each camera has a unique Camera ID. (U2-xxxxxxxx)

Mobile / PC

Password is not required for the initial use, however, it is advised to go to [Setup] in app to setup password after connected.

Connect to Camera

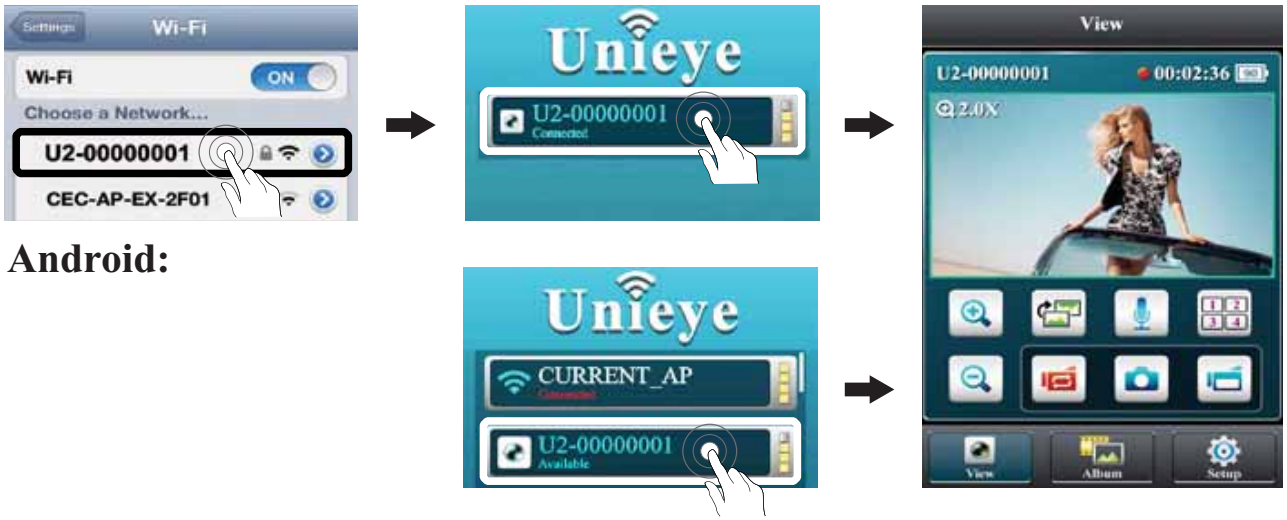
For iOS user:

- Set camera to Local Mode and wait until the indicator stops flashing.
- On mobile, go to [Settings] ➡ [Wi-Fi] ➡ Choose a camera. 3G connection will switch to WiFi within 1 min.
- Run [Unieye].
- Press camera bar to start.

For Android user:

- Set camera to Local Mode and wait until the indicator stops flashing.
- On mobile, activate WiFi.
- Run [Unieye].
- Press camera bar to start.

iOS:

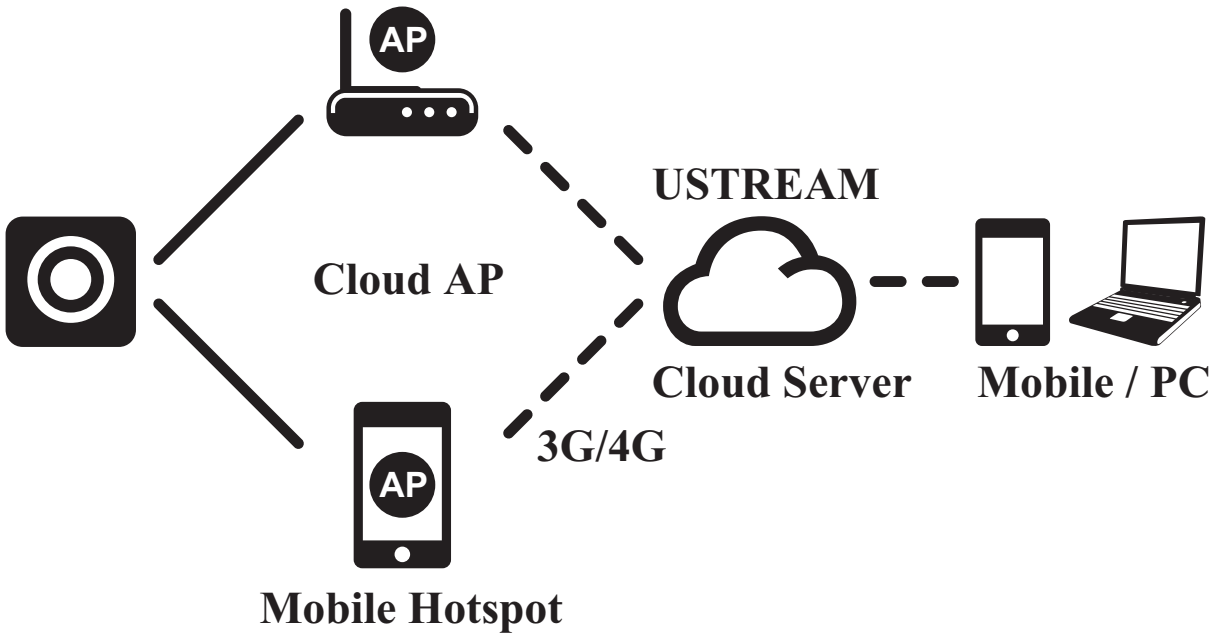


Android:

Zoom In	**Zoom out**	**Take Photo** (SD card required)	**Shoot Video** (SD card required)
Invert Image		**Loop Recording** • Record and archive in 3 min interval	
Two Way Voice • Tap to talk to the camera from mobile; tap again to allow the camera to talk back to mobile.		**Quad View** • Press to enable Quad View. (up to four cameras) • Tap [1] button to return to single view.	

Note:1. Move the camera further away from mobile when echo occurs.
2. Mobiles with poor CPU performance may affect audio during broadcasting.

Cloud Mode (Internet)



Recommended Cloud Server for Access:

USTREAM A live broadcasting social media.

Before using Cloud Mode, it is required to setup cloud AP and cloud server in Local Mode.

Step 1: Setup Cloud AP in Local Mode

On mobile, start [Unieye], go to app [Setup] ➡ [Cloud Settings] ➡ [Cloud AP]. Select a WiFi network from [AP List] and enter password. If no preferred AP is found, press [Other...] from [AP List] ➡ Enter network name and password.

Note: Mobile hotspot can be act as cloud AP.

Step 2: Setup Cloud Server in Local Mode

- New user, press New then enter email/username/password/ confirm for auto-registration. Returning user, enter username/ password only.
- Press [Save to Camera].

Cloud Mode (Internet)

Step 3: Connect Camera to Cloud Server

Two ways to connect to cloud server:

1. On [Unieye], press [Camera to Cloud] in [Setup] page.
2. On camera, set to Cloud Mode.

While connecting, the status indicator flashes rapidly in orange. Once connected, the status indicator flashes in green. If connection fails, the status indicator flashes in red and alerts in different beeping frequencies.

Alert	Cause/Solution
One time	Cannot connect to cloud AP or invalid network password. Camera not inside WiFi area or weak signal. Check AP settings or move camera closer to cloud AP.
Two times	No internet access or the cloud server is not accessible. Cannot log in cloud server via internet. Cloud service may be blocked by firewall.
Three times	Cloud server username or password is incorrect. Refer to in [Setup] for instructions. Username already taken. Create new account in [Unieye].

Or go into [Unieye] to view the error message.

Step 4: View Live Videos on Cloud Server

Options to view live videos:

1. Use mobile app: USTREAM is available in Google Play or Apple Store.
2. Visit website: http://www.ustream.tv

Then search for username and select "username's show" to watch live video through camera.

Note: 1. USTREAM (cloud server) has right to change service policy.
2. When using cloud mode, make sure the mobile is connected to 3G/4G.
3. Experiencing delays while viewing live video may be due to high internet traffic.

Use PC APP

Mass Storage and Webcam Modes

While camera is plugged in to PC, press Mode button on camera to switch between Mass Storage Mode (default) and Webcam Mode. The status indicator shows steady red in Mass Storage Mode and steady green in Webcam Mode (In Skype or QQ, select "UVC_WEBCAM").

To use [Unieye] features in PC, install [PC APP] software first. The [PC APP] has similar features and interface to [Unieye] for easy user experience.

Installing [PC APP] from Camera

- Connect the camera to PC via a USB cable.
- [PC APP] AutoRun/AutoPlay activates.
- If AutoRun/AutoPlay is not starting:
  Go to [My computer] and search [PC APP] for installation.
- Once installed, unplug the camera from PC then run [PC APP].

Local Mode - [PC APP]

Use [Unieye] to setup camera's Local Mode and Cloud Mode. [PC APP] has more features than [Unieye].

- Press [View HD] or double-click the viewing window to maximize it into full screen. Double-click again to return to the [PC APP] interface.
- To save videos or photos to PC:
  Go to [Album] ➡ Select videos or photos ➡ Press [Save to PC].

Camera Indication

Condition	Status Indicator	Alert
Recording	Flashing green	One time
Loop Recording	Flashing orange	One time
Charging	Flashing red	None
Fully Charged	No indication	Two times
Low Battery	Flashing red every 5 sec. (Warning)	Five times (Shutdown)
Power Off	No indication	Two times
Auto Power Off (5 mins idle)	Flashing red	Two times
Memory Full SD Card Error	Flashing red	Three times

Camera Hotkey	
Forced Shutdown	Press and hold Power button for 5 sec. to turn off camera.
Forced Default Settings	Press and hold Mode and Record buttons for 5 sec. to restore default settings.
Car Camcorder	Press and hold Record button for 3 sec. to start loop recording and invert image.

Troubleshooting

Situation	Cause/Solution
Camera cannot turn on	Battery power is low. Recharge the battery.
Camera is frozen	Press Power button for 5 sec. to turn off. Press Power button twice to turn on.
Camera cannot record	No SD card or SD card is full. SD card cannot be recognized. Format SD card in [Unieye] or replace SD card.
Camera not found	Turn on camera, switch to Local Mode. Press "Refresh" on mobile or PC to scan again.
Forgot camera password	Press both Mode and Record buttons for 5 sec. to reset.
Cannot watch live view	Move camera closer to mobile.
Flickering segments on live view	TV system setting (50Hz/60Hz) is incorrect.